

ABSTRACT

A projector includes a laser beam source that outputs a laser beam and modulates the laser beam in a beam form based on an image signal, a scanning unit that scans the laser beam output by the laser beam source at least in one-dimensional direction, a scan driving unit that drive controls the scanning unit by a first force, a retaining unit that stops and retains the scanning unit at a predetermined position by a second force, and a light shielding unit that shields the laser beam from the scanning unit that is retained by the retaining unit. The scan driving unit releases the scanning unit retained by the retaining unit, and drives it when the first force is larger than the second force. The retaining unit stops and retains the scanning unit at the predetermined position when the second force is larger than the first force.